

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 0    | @ad<"20011026" and 725/140.ccls.<br>and ((cis or (card adj information<br>adj structure)) with tuple) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/03 12:09 |
| S2    | 0    | @ad<"20011026" and 725/140.ccls.<br>and ((cis or (card adj information<br>adj structure)) same tuple) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/03 12:06 |
| S3    | 28   | @ad<"20011026" and ((cis or (card<br>adj information adj structure)) with<br>tuple)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/03 12:09 |
| S4    | 0    | @ad<"20011026" and (((cis or<br>(card adj information adj structure))<br>with tuple) same upgrad\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/03 12:09 |
| S5    | 9    | @ad<"20011026" and ((cis or (card<br>adj information adj structure)) with<br>tuple) and upgrad\$3     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/03 12:17 |
| S6    | 0    | @ad<"20011026" and ((cis or (card<br>adj information adj structure)) with<br>tuple) and upgrad\$3.ti. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/03 12:19 |
| S7    | 2    | ("7124210").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/07/03 12:18 |
| S8    | 0    | S7 and cis  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/03 12:18 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S9  | 0      | S7 and (card near4 structure)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/03 12:19 |
| S10 | 0      | S7 and (card near4 information)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/03 12:19 |
| S11 | 0      | S7 and (card near4 attribute)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/03 12:19 |
| S12 | 104022 | @ad<"20011026" and ((cis or (card adj information adj structure) or (card adj attribute adj information) with tuple))                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/03 12:20 |
| S13 | 33     | @ad<"20011026" and (((cis or (card adj information adj structure) or (card adj attribute adj information) with tuple)) same upgrad\$3)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/03 12:21 |
| S14 | 8516   | @ad<"20011026" and "725"/\$.ccls. (((cis or (card adj information adj structure) or (card adj attribute adj information) with tuple)) same upgrad\$3)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/03 12:20 |
| S15 | 0      | @ad<"20011026" and "725"/\$.ccls. and (((cis or (card adj information adj structure) or (card adj attribute adj information) with tuple)) same upgrad\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/03 12:20 |
| S16 | 8      | @ad<"20011026" and (((cis? or (card adj information adj structure) or (card adj attribute adj information) with tuple)) same upgrad\$3)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/03 12:21 |

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|     |    |  |  |    |    |                  |
|-----|----|--|--|----|----|------------------|
| S17 | 24 | @ad<"20011026" and (((cis! or (card adj information adj structure) or (card adj attribute adj information) with tuple)) same upgrad\$3)                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 12:22 |
| S18 | 3  | @ad<"20011026" and (((cis! or (card adj information adj structure) or (card adj attribute adj information) with tuple)) same upgrad\$3 same (card))        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 12:22 |
| S19 | 0  | @ad<"20011026" and (((cis! or (card adj information adj structure) or (card adj attribute adj information)) with tuple) same upgrad\$3 same (card))        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 12:23 |
| S20 | 27 | @ad<"20011026" and (((cis! or (card adj information adj structure) or (card adj attribute adj information)) with tuple))                                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 12:23 |
| S21 | 0  | @ad<"20011026" and (((cis! or (card adj information adj structure) or (card adj attribute adj information)) with tuple) same upgrad\$3)                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 12:23 |
| S22 | 7  | @ad<"20011026" and (((cis! or (card adj information adj structure) or (card adj attribute adj information)) with tuple)) and (upgrad\$3 or program\$4).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/03 12:24 |
| S23 | 2  | @ad<"20011026" and "725"/\$.ccls. and (cis or (card adj information adj structure)) and (opencable or cablecard or (open adj cable) or (cable adj card))   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/05 10:29 |
| S24 | 5  | @ad<"20011026" and (cis or (card adj information adj structure)) and (opencable or cablecard or (open adj cable) or (cable adj card))                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/05 10:28 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S25 | 3  | S24 not S23   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/05 10:28 |
| S26 | 32 | @ad<"20011026" and "725"/\$.ccls.<br>and ((cis? or (card adj information<br>adj structure)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/05 10:30 |
| S27 | 0  | @ad<"20011026" and "725"/\$.ccls.<br>and ((cis? or (card adj information<br>adj structure)) with (cable adj (tv or<br>television))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/05 10:31 |
| S28 | 0  | @ad<"20011026" and "725"/\$.ccls.<br>and ((cis? or (card adj information<br>adj structure)) same(cable adj (tv<br>or television)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/05 10:31 |
| S29 | 0  | @ad<"20011026" and "725"/\$.ccls.<br>and ((cis? or (card adj information<br>adj structure)) same (cable adj (tv<br>or television))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/05 10:32 |
| S30 | 0  | @ad<"20011026" and "725"/\$.ccls.<br>and ((cablecard or opencable) with<br>tuple)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/05 10:32 |
| S31 | 0  | @ad<"20011026" and ((cablecard<br>or opencable) with tuple)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/05 10:32 |
| S32 | 0  | @ad<"20011026" and ((cis? or<br>(card adj information adj structure))<br>same (cable adj (tv or television)))                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/05 10:32 |

## EAST Search History

|     |    |  |  |    |    |                  |
|-----|----|--|--|----|----|------------------|
| S33 | 0  | @ad<"20011026" and (((cable adj card) or (open adj cable)) with tuple)                           | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/05 10:33 |
| S34 | 0  | @ad<"20011026" and (((cable adj card) or (open adj cable) or cablecard or opencable) same tuple) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/05 10:33 |
| S35 | 1  | @ad<"20011026" and ((cable adj card) or (open adj cable) or cablecard or opencable) and tuple    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/05 10:34 |
| S36 | 35 | @ad<"20011026" and "725"/\$.ccls. and tuple  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/05 10:35 |
| S37 | 1  | @ad<"20011026" and "725"/\$.ccls. and tuple and cis  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/05 10:34 |
| S38 | 0  | @ad<"20011026" and "725"/\$.ccls. and (tuple with upgrad\$3)                                     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/05 10:35 |
| S39 | 0  | @ad<"20011026" and "725"/\$.ccls. and (tuple same upgrad\$3)                                     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/01/05 10:35 |